Nov. 10, 1931. N. M. HOMER 1,831,742

COMBINATION SAD IRON AND STEAMER

Filed March 6, 1930 2 Sheets-Sheet 1

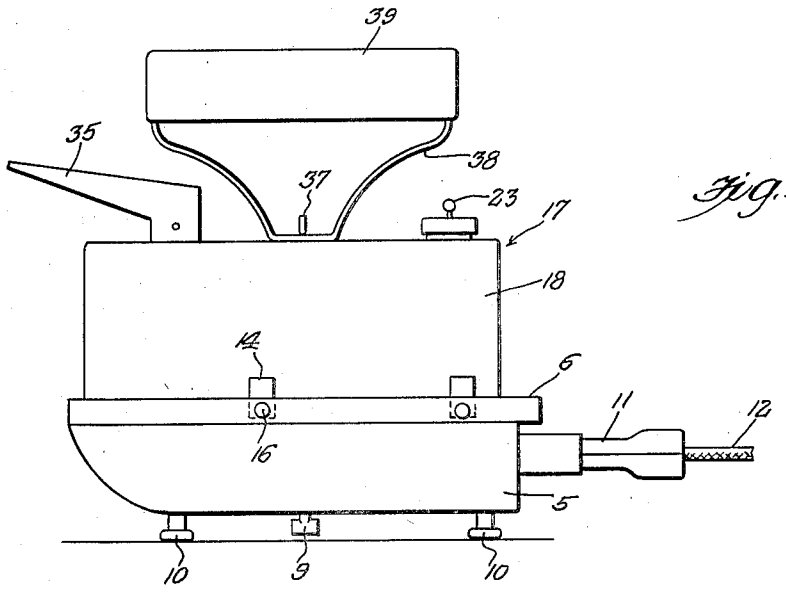


Fig. 1.

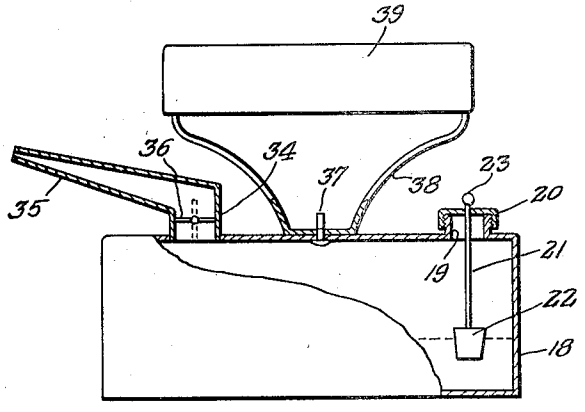


Fig. 4.

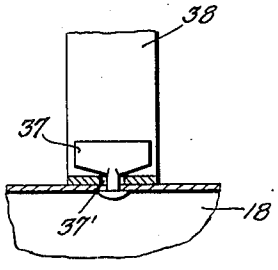


Fig. 7.

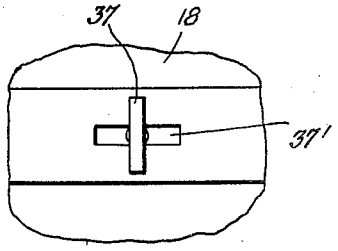


Fig. 8.

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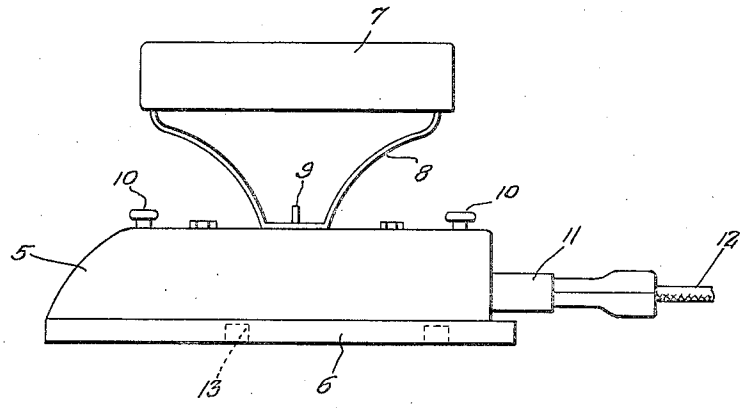
Attorney

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COMBINATION SAD IRON AND STEAMER

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Fig. 2.



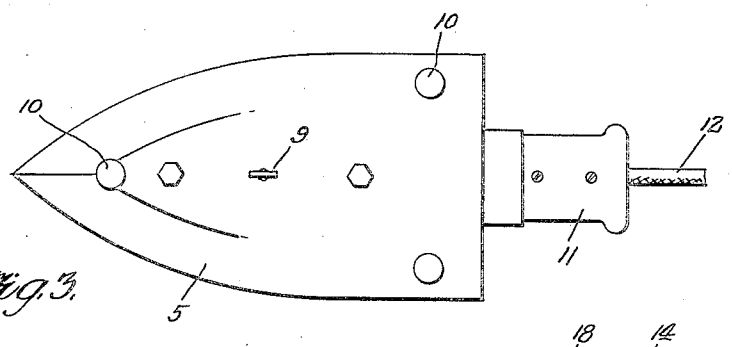


Fig. 3.

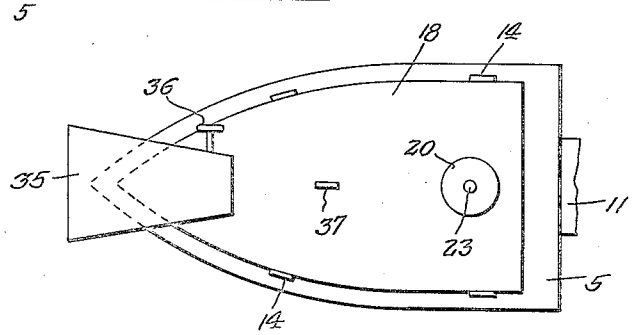


Fig. 5.

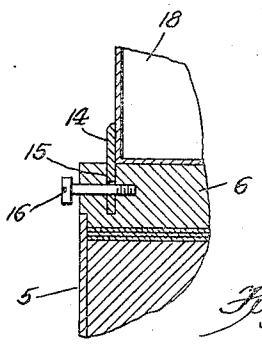


Fig. 6.

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UNITED STATES PATENT OFFICE

NETTIE M. HOMER, OF BROOKLYN, NEW YORK

COMBINATION SAD IRON AND STEAMER

Application filed March 6, 1930. Serial No. 433,643.

This invention appertains to new and useful improvements in electrical heating, and more particularly to a novel electrical sad iron capable of being readily converted into a heater for heating various types of utensils.

Another important object of the invention is to provide a combination outfit including a sad iron capable of being converted from its use as a clothes ironing device to an utensil heater.

During the course of the following specification and claims, numerous other important objects and advantages of the invention will readily become apparent to the reader.

In the drawings:—

Figure 1 represents a side elevational view of the outfit in assembled relation.

Fig. 2 represents a side elevational view of the sad iron.

Fig. 3 represents a top plan view of the sad iron with the handle removed.

Fig. 4 is a side elevation, partly broken away disclosing the steamer device of the outfit.

Fig. 5 is a top plan view of the steamer device with the handle removed.

Fig. 6 is a fragmentary transverse sectional view showing the connection between the sad iron and the steamer.

Fig. 7 is a fragmentary transverse sectional view disclosing the means for securing the handle to the steamer.

Fig. 8 is a fragmentary top plan view disclosing the means for securing the handle to the steamer.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the sad iron includes a shell 5 provided with the usual hot plate 6. Its peculiar association with the steamer shown in Fig. 1, calls for the detachable handle 7. This handle 7 has a substantially inverted frusto-conical shaped frame 8 whereby the handle is capable of attachment to the shell 5.

The apex portion of this frame 8 is provided with a slot for receiving the pivotally mounted key 9, on the shell 5. By aligning the wings of this key 9 with the slot in the frame 8, the handle may be readily disconnected from the shell 5.

The shell 5 is provided with a suitable number of upstanding studs 10 for supporting the iron in an inverted position when the handle is disconnected therefrom. Numeral 11 represents the usual connector between the electrical line 12 and the heating element inside of the shell 5, (not shown in the drawings).

As is clearly shown in Figs. 2 and 6 the hot plate 6 is provided with several recesses 13 for receiving the detachable lugs 14 which are only employed when the iron is in use as a heater. Each of these lugs 14 is provided with an opening 15 for receiving a screw 16, as in the manner shown in Fig. 6.

Reference is now had to the steamer, generally referred to by numeral 17. The steamer comprises a container 18, which is preferably tapered toward one end as in the manner shown in Fig. 5, so as to be somewhat in conformity with the shape of the iron.

The container 18 is provided with a filler neck 19 and a cap 20 therefor. This cap 20 has an opening therein for receiving the indicating stem 21 on the float 22. This construction serves as an ullage rod. The upper end of the stem 21 is equipped with a head 23. The position of this head 23 will readily indicate to the attendant, the approximate level of the liquid in the container 18.

The container 18 is also provided with a neck 24 from which extends the tapering spout 35, the same being provided with a butterfly valve 36 therein.

A pivotal key 37 is located on the top of the container 18, and is engageable through a slot 37 in the apex portion of a substantially inverted frusto-conical shaped frame 38 between the ends of which the handle 39 is mounted.

It can now be seen that the iron assembled in the manner referred to may be used for ironing clothes. However, by detaching the handle 7, and inverting the same so that it rests on the studs 10, the hot plate 6 may be employed as a heater for the steamer 17, or in fact any other utensil desired may be placed on the hot plate.

The handle that was detached from the eye may be attached to the container 18, as in the

manner apparent in Figs. 7 and 8. The lugs 14 will prevent displacement of the steamer on the usually highly smooth surface of the hot plate.

The valve 36 may be controlled for conveying the discharge of steam from the steamer onto the clothes to be steamed. The proper amount of water may be always maintained in the container by circularly washing the ullage rod 31.

While the foregoing specification sets forth the invention in detail, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having thus described my invention, what I claim as new is:—

1. In combination, a sad iron, legs on the top portion of the iron, said iron being provided with recesses in the ironing face of the iron, and removable lugs disposed within the said recesses.

2. In combination, a sad iron, legs on the top portion of the iron, said iron being provided with recesses in the ironing face of the iron, removable lugs disposed within the said recesses, and retaining means on the iron for engagement with the said lugs to prevent displacement thereof.

In testimony whereof I affix my signature.

NETTIE M. HOMER.